

ABSTRACT

A vehicle air-conditioning apparatus in which supercritical refrigerant passing through a refrigerant heat releasing passage of a heat releasing device exchanges heat with refrigerant cooling air introduced from an air introduction surface of a heat releasing device to be cooled, and the cooled refrigerant exchanges heat with air to be introduced into a passenger compartment by an evaporator. Since at least a part of discharge air discharged from an inside of a passenger compartment is introduced from an air introduction surface of the heat releasing device as a ventilation loss utilizing air, ventilation loss utilizing air can be used as a part of refrigerant cooling air. The ventilation loss utilizing air is introduced to the downstream side area of the refrigerant heat releasing passage in an air introduction surface of the heat releasing device.